

The Wobbly Oscillator

Cuyahoga Amateur Radio Society

February 2021 Volume 51 Number 2



***Tom Sly, WB8LCD, Ohio Section Manager
Guest speaker at February Meeting***

From The Prez

Tom Sly, WB8LCD, ARRL Ohio Section Manager

Guest at February Meeting

My Friends Restaurant – Zoom - Repeater

We're on a roll after our very successful combination meeting in January, so we'll go with what worked. For February, we will again have an in-person meeting at My Friends Restaurant, combined with a Zoom meeting on the internet, and link in the CARS repeater.

Our special guest will be Tom Sly, WB8LCD, the new ARRL Ohio Section Manager. Tom has yet to decide whether he will join us at the restaurant or attend via Zoom. Either way, it will be the first chance for many members to meet with Tom. According to our program committee chairman, Joe, KD8BAL, Tom will have a Power Point presentation and field questions from the group. Special thanks to Joe and his team for getting the program set up in a limited time frame. Joe also revealed they have several additional interesting programs lined up for later this year.

We will format the meeting similarly to how we did it last month. The actual meeting will begin at 7:30 from the restaurant and we will patch in Zoom and the repeater. The Zoom meeting will be projected on the screen in the dining room. Once again, Ron, K8RJH, will monitor and control the Zoom component, and David, KD8ACO, will control the repeater. Our initial shot at this format last month went pretty smoothly, and chief engineer Ron says he made a few tweaks to improve the system. If anyone can improve on perfection, it's Ron.

My Friends Restaurant is located at 11616 Detroit Rd. in Cleveland. Dinner reservations are for 6:00 PM.

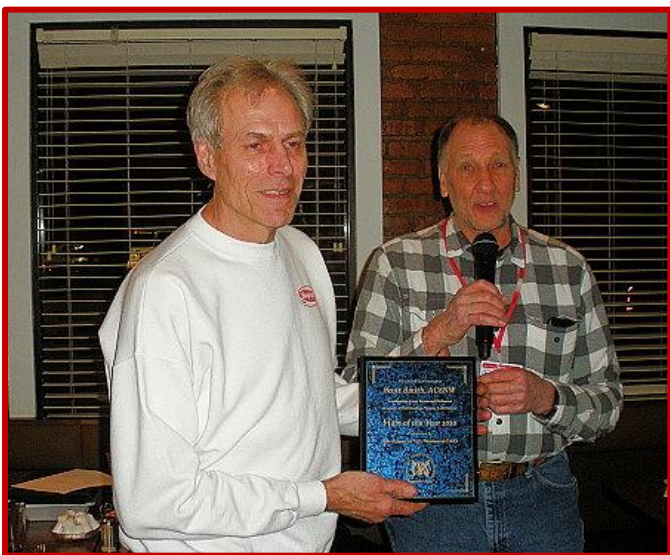
We always emphasize dinner is optional; members are certainly welcome to attend and not order dinner.

With the opportunity to attend the meeting in person, via Zoom on the internet, or on the repeater - which is capable of 2 meters, UHF digital Fusion, EchoLink, and AllStar, there is little or no reason not to attend the February meeting. Hope to "see" you there.

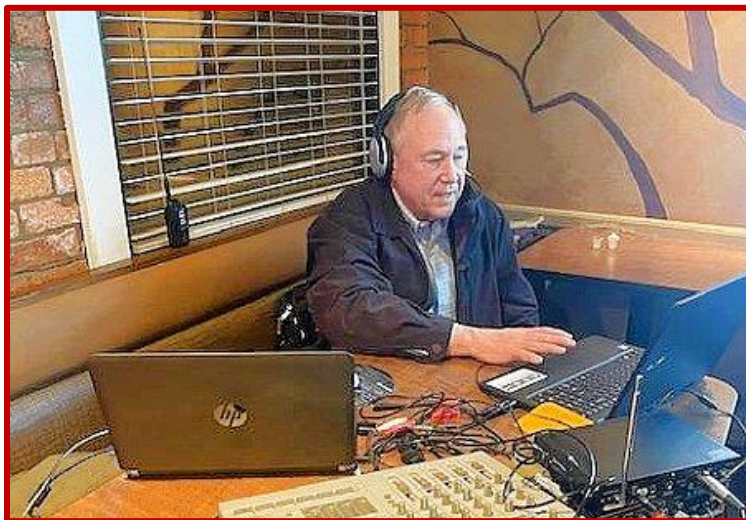
Improvements

It was good to see Mark, KC8ESG, step up and run for president. Better yet, it was encouraging that Mark received a significant percentage of the votes. Reading between the lines, it appears there are members who want changes. Amen to that. The last thing we want is for the club to become stale. We need to be dynamic. That's why I've editorialized that we encourage, welcome, and appreciate suggestions for improvement. We have made a permanent meeting item for suggestions. Disappointedly, there were none at the January meeting. None, zero, zip. Please consider what you would like to see the club do to improve, and bring it up at a meeting, on the net, or by contacting me or our program committee chairman. As I've stated before, and it is worth repeating, this is your club - make it what you want it to be.

73, Toby, WT8O



Scott, AC8NW, graciously accepts the coveted plaque for his well deserved honor of being selected the CARS Ham of the Year for 2020.



Too busy to pose for the photo-op, Ron, K8RJH, expertly operates the controls he engineered for the Zoom meeting on the internet and the traffic from the CARS repeater.

**Minutes of the
CUYAHOGA AMATEUR RADIO SOCIETY
January 12, 2021 (Tuesday)**

LOCATION---The meeting was held at My Friends Restaurant, at 11616 Detroit Avenue in Cleveland. The meeting was also available via Zoom and on the CARS Repeater.

CALLED TO ORDER---The meeting was called to order by President Toby Kolman, WT8O, at 7:31 P.M.

PLEDGE OF ALLEGIANCE---Those present pledged allegiance to the flag of the United States of America.

INTRODUCTIONS---Those present introduced themselves. Those who attended via Zoom, and on the repeater, also introduced themselves.

NOVEMBER MINUTES---The November minutes were approved as published in the *Wobbly Oscillator*.

TREASURER'S REPORT---Bob Check, W8GC, gave the Treasurers' report via Zoom.

PRESIDENT'S REPORT---Toby, WT8O reminded everyone that the club needs a new photographer. Toby also commented that new content would be appreciated for the *Wobbly Oscillator*.

SILENT KEY---A moment of silence was observed to honor Ron Borkey, K8VJG, who passed away December 5, 2020. Ron was eighty-eight years old and was an honorary member of CARS.

DAYTON HAMVENTION---It was reported that the 2021 Dayton Hamvention has been canceled.

VE UPDATE---A VE session was held on January 10, 2021. Six individuals earned technician licenses.

FIELD DAY---It was mentioned that Field Day weekend will be June 26th and 27th. Those interested in participating in Field Day with the CARS club should contact Bob, K8RGI.

NEW MEMBERS---Two licensed Amateur radio operators applied for membership in the Cuyahoga Amateur Radio Society; Mel Dimes, KE8PMM, and Gary Abramowski, KE8PZJ. There were no objections to their joining, and they were both accepted into the club.



New member James, KE8BIY, livened up the group with his humor and engaging personality.

HAM OF THE YEAR---Ham of the year was awarded to Scott Smith, AC8NW.

ELECTION---An election for the office of President of CARS will be held electronically. There are two candidates: Toby Kolman, WT8O, and Mark Rosewicz, KC8ESG.

NEXT MEETING---The February 9th meeting will once again be held at My Friends Restaurant. The meeting will also be available via Zoom and on the CARS Repeater.

50/50 DRAWING---The 50/50 drawing was won by Colleen Crawford, KD8FTT.

ADJOURNMENT---The meeting was adjourned at 7:59 P.M.

Ed Stevens, WB8ROK, Secretary



The Zoom meeting participants projected on the screen in the My Friends Restaurant dining room.

The group enjoyed each other's company and the excellent food at the January CARS meeting.



CARS Repeaters

146.820 (-) PL Tone 110.9

Main Site – Brecksville

Receive Only Site – Brunswick

Receive Only Site – Shaker Hts.

Allstar Node 47067

EchoLink Node 343470 (K8ZFR-R)

443.825 (+) PL Tone 131.8

Digital Yaesu Fusion

Linked to 146.82 Repeater

Brecksville

444.75 (+) Receive PL Tone 131.8

449.75 Transmit

Stand-alone Not Linked

Shaker Hts.

**Minutes of the
CUYAHOGA AMATEUR RADIO SOCIETY
BOARD MEETING
January 19, 2021 (Tuesday)**

LOCATION---The meeting was held via Zoom.

CALLED TO ORDER---The meeting was called to order by Mike Kemmett, KD8OUE, at 7:30 P.M.

TREASURER'S REPORT---Treasurer, Bob Check, W8GC, gave the Treasurer's report.

BOARD MEMBER CHANGES:

- Joel Chaney, K8SHB, resigned from the board of directors. Toby, WT8O, suggested Scott Smith, AC8NW, be appointed to replace Joel. All agreed. Scott, AC8NW, was appointed to replace Joel.
- Bob Check, W8GC, nominated Mike Kemmett, KD8OUE, to be Chairman of the Board. Mike accepted the nomination and was elected to the position of Chairman of the Board.
- Mike Kemmett, KD8OUE, requested that someone be appointed as an assistant to the Chairman of the Board, as he could be leaving area sometime this year. Arp Viiberg, K8ARP, accepted the position of Assistant to the Chairman of the Board.

ELECTION---Toby Kolman, WT8O, made a motion that that Mark Rosewicz, KC8ESG, be allowed to run for the office of president, even though he has not attended enough meetings in the past year to qualify as a candidate. The motion passed.

ADJOURNMENT---The meeting was adjourned at 7:58 P.M.

Ed Stevens, WB8ROK
Secretary

**Welcome New
Members**

Gary Abramowski, KE8PZJ

Mel Dimes, KE8PMM

February Birthdays

Mike Balach, K8SUGT	2/2/55
Diane Balach, K8SFTV	2/7
Gary Soloman, N8JNO	2/15/54
Linas Vaitkus, K8SKOJ	2/17/55
Joe Egert, K8SMQK	2/18/77
Larry Shimerka, N8OWS	2/20/56
David Noeth, K8SACO	2/22

**Enhance your Amateur Radio Service with
ARRL On-Line Training Courses
Ron, K8RJH**

Our ARRL Membership offers a great benefit to Amateurs who wish to enhance their operating skills and public service awareness to our community. The ARRL has three online training courses that I have found to be of great value over the past year that improved my effectiveness in being a volunteer with numerous local service events using Amateur Radio. Even if one does not participate in any public service events, these training courses do provide a comprehensive review of Amateur Radio capabilities, operations and service and will give you a better appreciation in being a licensed operator.

For your 2021 training “next step”, I do encourage review and enrolling in this training according to your interest. A summary of these three courses include;

EC-001: Introduction to Emergency Communication: This course is designed to provide basic knowledge and tools for any emergency communications volunteer. The course has 6 sections with 28 lesson topics. It includes student activities, knowledge review quizzes, and a 35-question final assessment. The course is entirely online and completed according to your own schedule.

EC-016: Public Service and Emergency Communications Management for Radio Amateurs: In this course, you will learn how radio amateurs prepare and organize to support local community events, and, working in coordination with governmental and other emergency response organizations, deploy their services to provide communications when needed in an emergency. This comprehensive course 12 major lesson topics useful for understanding emergency management. It includes student activities, knowledge review quizzes, and a 50-question final assessment. Like the EC-001 Course, it is entirely online and paced according to your own schedule.

PR-101: Public Relations 101 for Radio Amateurs: This is a basic training course for anyone interacting with the media and promoting Amateur Radio. This course is designed to give hams a quick overview in public relations activities. It also includes student activities, knowledge review quizzes, and a 35-question final assessment. Like the EC-001 Course, it is entirely online and completed according to your own schedule.

Additional information, syllabus and course registration is available in the ARRL Web Site under “Online Course Catalog” <http://www.arrl.org/online-course-catalog> . This training is currently offered at no-charge to ARRL Members.

I personally suggest that one may first enroll in the PR-101 Public Relations Course to get an overview of the EC-001/016 content and to become familiar with the Canvas Training App used for all this instruction content.

It's always good If you have any interest for pursuing additional training. It's a great start to all for enhancing our Amateur Radio Service.

Member Profile

Matt Perlman, KE8OZU

How did you become interested in ham radio?

I have a degree in electrical engineering from CWRU. I've always had an interest in audio signal processing – both digital and analog. Ham radio lets me tinker with this as a hobby.

What made you decide to take the test?

Due to COVID, we're all spending a lot more time at home. My wife suggested that I find a hobby and suggested ham radio. Taking the test seemed like the first step to getting into the hobby. So, I found a free online study guide, read it and took the test online.

When did you get your license(s)?

I got my Technician license on July 21, 2020.

What are your base station radios and antennas?

I only have two radios – a handheld Yaesu FT-60R and HackRF One SDR. For the Yaesu, I have both the stock rubber duck antenna and a Signal Stick. My reception from the club repeater is pretty good in my house but the transmission is iffy. Once the weather gets better, I plan to try some different attic or outdoor antenna options. I haven't had much time to play around with the SDR yet, but I have been able to receive local commercial radio stations like WNCX. This SDR has half-duplex capabilities, so one day you may hear me on the net on my SDR.

What is your “go to” base station HF radio?

I haven't done anything with HF yet, but I'd like to learn.

What are your favorite on air activities?

All I've done so far is join nets (and mostly via EchoLink, unfortunately). I'd like to try the other activities ham radio offers.

Why did you join CARS?

I was interested in learning more about ham radio and meeting other hams. I'm also interested in finding ways to help others through the use of ham radio.

February Net Shed

FEB	3	KD8ACO
FEB	10	KC8ESG
FEB	17	WT8O
FEB	24	K8RJH

**Nets are run every
Wednesday at 9:00 PM on:**

146.820 (PL 110.9)

443.825 (+) PL Tone 131.8
Digital Yaesu Fusion
Linked to 146.82 Repeater

EchoLink Node 343470 (K8ZFR-R)

Allstar Node 47067

Tech Committee Report
Scott, AC8NW

Greetings, CARS members, and Happy New Year! I know we would like to lookin' the rear view mirror and say C-YA!, and watch it get smaller. I wish it were true, but what made 2020 so rotten is still with us. A painful reminder is the cancellation of Hamvention. Again! And you can still walk into the bank with a mask on, and no one pushes the panic button. Who woulda thunk a year ago that could happen?

Anyway, these are the cards we have, and we just have to play the hand as best we can. A great example can be found in how CARS meetings evolved last year. We went from normal meetings to sparsely attended on-air meetings, to sparsely attended picnic meetings and Zoom meetings, and the same number at dinner meetings. Then with the efforts of Ron, K8RJH; Eddie, KD8FTS, and David, KD8ACO, the magic combination of a dinner meeting with Zoom and meeting audio on R.F. was found, and we had our usual attendance between the three ways of participation. A great example of adapting to the circumstances! Expect this to be the way to do it for the next several months.

Looking forward, I have cautious optimism for a normal Field Day, and that would be a milestone on the way out of this for sure. I'm sure Bob Robbins, K8RGI, as new F.D. Committee chair, is chomping at the bit to organize a great Field Day, and I look forward to helping the effort all I can.

On the Tech Committee side of 2020, after a promising start with the installation of our Allstar/Echolink node and internet connection, things went dormant. I guess a testament to the reliability of the system that we haven't had to be out there at the site. There is work that needs to be done, and ideas to wrangle with, such as getting a WiresXnode on the Fusion repeater, and getting a packet node on a UHF repeater for use with the ARES system, as Ron has mentioned. I will work with Ron to get a Zoom meeting of the Tech Committee soon to discuss what we can do going forward, and I hope the Committee will be more active in 2021.

In closing, I will mention that I am honored to have been asked to serve on the Board, and look forward to helping any way I can, to advance the Club's goals and endeavors.

Hoping for a great 2021, 73 de AC8NW

Next CARS Meeting

Tuesday, February 9th - 7:30 PM

My Friends Resturant
11616 Detroit Rd.
Dinner at 6:00 pm

Also on Zoom
&
The CARS Repeater

Guest Speaker
Tom Sly, WB8LCD
ARRL Ohio Section Manager

VE Session

The CARS January VE session proved to be one of the most successful ever. We welcome these new hams to the Amateur Radio Service who passed their Technician exams:

Brian Antenuce, KE8QMD
Robert Dedrick, KE8QME
William Huggins, KE8QMC
Phillip Kasper, KE8QMB
Kenneth Knish, KE8QMA
James Petroski, KE8QLZ
Bradley, Vernallis, KE8QLY
David Woytek, KE8QLX
Adam Haluszka, KE8QMF (Also upgraded to General)

There were also hams who successfully passed their exams and upgraded their class:

Mark Horste, KD8NXE – Upgraded to General
Fletcher Spies, KG6FDI – Upgraded to General
David Watson, KE8PXV – Upgraded to General
John Dolinar, W8LYO – Upgraded to Extra
Nick Zallar, KE8PEL – Upgraded to Extra

Special thanks to our outstanding VE team, capably led by Metro, W8MET, that included Gary, NI8Z; Roger, N8TCP; Larry, N8OWS; George, K8KR; Linda, N8LRS, and Kirk, W0KM.

The next VE testing session will be held Sunday, March 14th, at 9:00 AM at the Masonic Lodge, 29500 Center Ridge Rd., Westlake, Ohio 44145. For information or an appointment please contact Metro, W8MET, at 216-520-1320 or metro351@sbcglobal.net. As always, walk-ins are welcome.

Free to a Good Ham Home

Two - 20 foot sections of 2" ID galvanized mechanical tubing
One - 10 foot section of 2" ID galvanized mechanical tubing
Contact Toby, WT8O. 440-525-6109 or wt8o@att.net

Honorary Members

Any person who by nature of outstanding or meritorious contribution to the furtherance of amateur radio and the ideals of the Cuyahoga Amateur Radio Society

Robert Check, W8GC

Elected 2/10/15

Thomas Wayne, WB8N

Elected 1/10/17

Dwaine Modock, K8ME, SK

Elected 5/9/17

Toby Kolman, WT8O

Elected 10/10/17

Jerry Smith, NW9H

Elected 5/8/18

Ron Borkey, K8VJG, SK

Elected 5/14/19

NASA Report Bob, KC8MRC

SPACEX next launch to the International Space Station will be a supply ship due to launch on Saturday, February 20, 2021 at 12:34 PM.

On January 23, 1942 the NACA facility was dedicated next to the Cleveland Municipal Airport, now known as Cleveland Hopkins airport. They test everything from civilian aircraft engines to rocket engines for peaceful uses.

Boeing's Starliner is scheduled to launch on March 25, 2021 for the second unmanned test.

For Sale

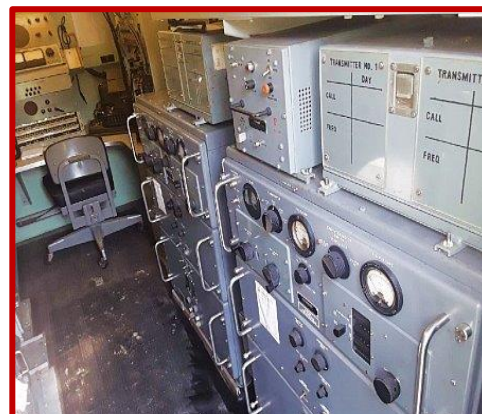
Yaesu FT-90-R Dual band 2M/440 transceiver. Includes programming software and cable. \$200 or best offer.

Vertex VX-150 2M HT. Includes AC power adapter and cigarette lighter adapter. \$75 or best offer.

Cushcraft Ringo Ranger 2M antenna. \$75 or best offer.

Dual band 2M/440 J-pole antenna, new-never used. \$200 or best offer.

Contact Bob Ozog, KC8MRC. 440-232-0786 or robertocoz@hotmail.com



Cars member Mike Mraz, KA8MZS, took these pictures of the inside of a vintage military communications trailer his friend Dick Anderson built. Mr. Anderson restored and rebuilt all the equipment himself.

Radiosport

Contests

Feb. 8, 1300 - Feb. 12, 2359 **ARRL School Club Roundup** All Bands (No WARC) CW Ph
www.arrl.org/school-club-roundup

Exchange: RS(T), class(I/C/S), SPC (State, Province, DXCC Entity)

Feb. 20, 0000 – Feb. 21, 2359 **ARRL International DX Contest, CW** 1.8-28 CW www.arrl.org/arrl-dx

Exchange: W/VE: RST SP, Non-W/VE: RST, power

Feb. 26, 2200 – Feb. 28, 2200 **CQ 160-Meter Contest, SSB** 1.8 Ph www.cq160.com

Exchange: W/VE: RS, SP, DX: RS, CQ Zone

Special Events Stations

Jan. 9, - Feb. 14, 0001-2359 **N4DAB** Daytona Beach, FL **2021 Daytona 500/Speedweeks**
14.255 14.070 7.255 7.070 Certificate & QSL www.n4dab.com

Feb. 6, 0900 – 1500 **K3HWJ** Punxsutawney, PA **Ground Hog Day Special Event**
All bands, all modes Certificate www.punxclub.com

QSO Parties

Feb. 6, 0000 - Feb. 7, 2359 **Vermont QSO Party** 1.8-UHF CW Ph Dig www.ranv.org/vtqso.html
Exchange: RS(T), county or SPC

Feb. 6, 1400 – 2359 **Minnesota QSO Party** 1.8 – 28 CW Ph Dig www.w0aa.org.mnqp-rules
Exchange: Name, county or SPC

Feb. 6, 1600–Feb. 7, 2359 **British Columbia QSO Party** 1.8-28 CW Ph Dig orcadxcc.org/bcqp_rules.html
Exchange: RS(T), VE7 District or SPC

Feb. 27, 1500 - Feb. 28, 0159 **South Carolina QSO Party** 1.8 - 50 CW Ph Dig scqso.com
Exchange: RS(T), county or SPC

Feb. 28, 1500 - Mar.1, 0059 **North Carolina QSO Party** 3.5 - 144 CW Ph Dig ncqsoparty.org/rules
Exchange: County or SPC

Sampling from February, 2021 QST - Pg. 75 and 84. See QST for many more events. All times GMT ZULU

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CARS 2021 Officers & Committees

Audit

WJ8WM ** WT8O, KD8OUE

Audio/Video

AC8NW **

ARRL Liaison

WJ8WM **

Awards

W8GC ** WT8O

Christmas party & Summer Picnic

WJ8WM **, K8ARP

Club Photographer

N8OWS **

Field Day

K8RGI **, WJ8WM, K8ARP, KD8SCV, AC8NW, AC8TN, WT8O, K8RJH, N8BBB food

50/50

KD8SCV

Hamvention Bus

KD8FTS **

License classes

KD8ACO **, WT8O, K8SHB

Media Representative

KD8SCV

Membership

WT8O ** W8GC

NET

WT8O **

Newsletter

WT8O ** 440-525-6109

wt8o@att.net

Programs at Meetings

KD8BAL ** KD8FTS, KE8OZU

Property Custodian's

KB8DTC records, W8GC equipment

Public Services

K8RJH **

QSL Manager - W8HBI, W8BM

WB8N **

Refreshments at Meetings & Picnic

K8RJH ** pop, NW8X ** Donuts

Scholarship

W8GC ** WJ8WM, K8RGI, WB8ROK, WT8O

Sunshine (welfare)

Andy, KD8SCV ** 440-886-0723

Technical

AC8NW ** N8OVW, WJ8WM, KD8ACO, K8RJH, K8MD, KB8DTC

VE Exams

Metro, W8MET ** 216-520-1320

Web Master/e-mail

W8GC **

** chairman or co-chairman

2021 Officers

PRESIDENT

Toby Kolman WT8O 440-525-6109

wt8o@att.net

VICE-PRESIDENT

Mark Moro, WJ8WM 216-661-0342

SECRETARY

Ed Stevens, WB8ROK 216-267-5473

Alternate Secretary: KE8OZU

TREASURER:

Bob Check W8GC 216-524-1750

Alternate Treasurer: Bob Robbins, K8RGI

Board Members & License Trustees

Board Chairman:

Mike Kemmett, KD8OUE 216-744-4636 c

Alternate Chairman:

K8ARP, Arp Viiberg

even year executive board 2 year term

AC8NW, KB8DTC, KD8OUE

odd year executive board 2 year term

K8RGI, K8ARP, K8RJH

License trustee

K8ZFR

WT8O

License trustee

W8HBI, W8BM,

W8GC



February 1, 2021

